**Effectiveness of aluminum oxide sandblasting, plasma application and their combination on the bond strength of resin cement to zirconia**

**Authors**

1. Beatriz Curvello de Mendonça

DDS, Master Student, Department of Restorative Dentistry, Piracicaba Dental School, University of Campinas, Piracicaba, SP, Brazil

Address: Rua Waldyr Aparecido da Silva, 30

Campinas, SP, Brazil

Zip Code: 13085-065

Phone: +55 19 997970916

E-mail: [bia.mendo@yahoo.com.br](mailto:bia.mendo@yahoo.com.br)

ORCID: <https://orcid.org/0000-0001-7987-0102>

Role and Contribution: Performed the experiments in partial fulfillment of requirements for D.D.S. degree and wrote the manuscript.

1. William Matthew Negreiros

DDS, MS, Department of Restorative Dentistry, Piracicaba Dental School, University of Campinas, Piracicaba, SP, Brazil

Address: R. Tiradentes, 289 - Sala 101-102

Campinas, SP, Brazil

Zip Code: 13023-190

ORCID: <https://orcid.org/0000-0002-5262-9076>

Role and Contribution: Experimental design and sample preparation.

1. Marcelo Giannini

DDS, MS, PhD, Associate Professor III, Department of Restorative Dentistry, University of Campinas, Piracicaba, SP, Brazil

Address: Avenida Limeira, 901

Piracicaba, SP, Brazil

Zip Code: 13414-903

ORCID: <https://orcid.org/0000-0003-0443-0115>

Role and Contribution: Supervisor, idea, contributed substantially to discussion and proofread the manuscript.

**Suggested Reviewers**

Prof. Dra. Miriam Lacalle Turbino

**Telephone:** (11) 30917839 - Ramal: 222

**Email:** miturbin@usp.br

**Address:** Av. Professor Lineu Prestes, 2227- Cidade Universitária – Zip Code: 05508-900 - Sao Paulo, SP - Brazil

**Affiliation:** University of São Paulo, School of Dentistry, USP, Department of Dentistry.

Prof. Dr. André Luiz Fraga Briso

**Telephone:** (18) 3636-3253

**Email:** alfbriso@foa.unesp.br

**Address:** Rua José Bonifácio, 1993 – Vila Mendonça – Zip Code: 16015-050 – Araçatuba, SP - Brazil

**Affiliation:** São Paulo State University (UNESP), Faculty of Dentistry of Araçatuba, Department of Restorative Dentistry